

MONTANA CRT SCIENCE TEST SPECIFICATIONS

Source of Items

The common and field test items for the assessment are developed and selected by Montana educators to align 100% with the Montana Content Standards.

Field Test (Spring 2007)

4 Test Forms: 2 test sessions (statewide field test @2,500 students per item)

- 1st session with 14 MC and 1 CR
- 2nd session with 13 MC and 1 CR

Total field test slots = 108 MC and 8 CR

2008 Test Design (4 forms per grade – 50% release)

Test Session	Number of Science Items Grades 4, 8 and 10	
	Common	Field Test (per form)
1	13 MC 1 CR	8 MC
2	14 MC	9 MC
3	13 MC 1 CR	8 MC 1 CR
TOTAL	Common 53 MC 2 CR	Field Test Items Per Form: 25 MC 1 CR Total Field Test Items: 100 MC 4 CR

**2008 Blueprint – Point Distribution by Montana Standards
(Acceptable Range + / - 2 pts.)**

Montana Standards	Reporting Categories	Multiple-Choice Items	Constructed-Response Items	Points
1, 5, 6*	Scientific Investigation, Impact on Society, and Historical Development	17 (15-19)	1 or 0	19
2	Physical Science	12 (10-14)	1 or 0	14
3	Life Science	12 (10-14)	1 or 0	14
4	Earth and Space Science	12 (10-14)	1 or 0	14
	TOTAL	53	2	61

*Standards 5 and 6 are assessed by a total of 5 MC items.

Released Annually:
25 MC
1 CR